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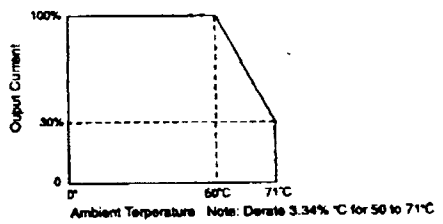
Jameco Part Number
205989

# ESK-U SERIES

## Dual &Triple Output Models

**Features:**

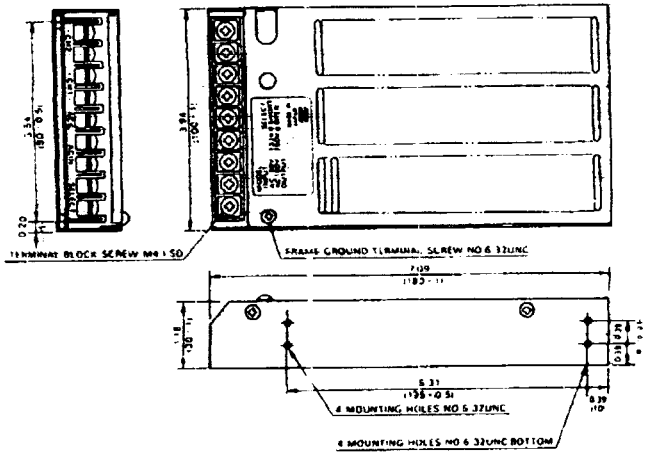
- **50W, 70W, & 80W Models**
- User Selectable Input (120/220VAC)
- Extremely Low Profile
- UL / CSA Approved
- Metal Chassis with Cover
- High Reliability & MTBF
- Low Cost, High Performance
- Two Year Warranty

| Specifications | |
|---|---|
| INPUT VOLTAGE | AC115/220V(AC90 to 132V/180 to 260V) |
| INPUT FREQUENCY | 50/60 Hz (47 ~ 63 Hz) |
| EFFICIENCY | 72% (Typ) |
| INRUSH CURRENT | 50W:15/30A MAX (AC115/220V), 70 & 80W:20/40A MAX (AC115/220V) |
| VOLTAGE ADJUST RANGE | ±5% |
| LINE REGULATION | 0.4% Max. |
| LOAD REGULATION | 0.8% Max. |
| RIPPLE/NOISE (DC ~ 100MHZ) | 1% + 50mVp-p |
| TEMPERATURE COEFFICIENT | 0.04%/C° |
| DRIFT | 0.5%+15mV Max. /8 hours |
| DROP OUT TIME | 20msec. MIN. |
| RISE TIME | 200msec. MAX. |
| OVER CURRENT PROTECTION | Built-In |
| OVER VOLTAGE PROTECTION | Built-In |
| DIELECTRIC WITHSTANDING VOLTAGE | Primary to Secondary AC2500V<br>Primary to Case AC2500V<br>Secondary to Case AC 500V |
| ISOLATION RESISTANCE | 50Mohm, MIN. |
| LEAKAGE CURRENT | 0.7 mA Max. |
| OPERATING TEMPERATURE | 0° C to +71°C<br>DERATING CURVE<br>  <br><br>Note: Derate 3.34% °C for 50 to 71°C |
| STORAGE TEMPERATURE | -20 - 85°C |
| LEAKAGE CURRENT | 1 mA Max. |

| MODEL | OUTPUT 1 | | OUTPUT 2 | | |
|---|---|---|---|---|---|
| | VOLTS | AMPS | VOLTS | AMPS (CON) | AMPS (PK) |
| ESK50U-1212W | +12V | 2A | +12V | 2A | - |
| ESK50U-1515W | +15V | 1.5A | +15V | 1.5A | - |
| ESK50U-0512W | +5V | 3A | +12V | 3A | 6A |
| ESK50U-0524W | +5V | 3A | +24V | 1.5A | 3A |
| ESK70U-0524WA | +5V | 2.5A | +24V | 2.5A | 4A |
| ESK80U-0512W | +5V | 5A | +12V | 4A | 8A |
| ESK80U-0524W | +5V | 5A | +24V | 2A | 4A |

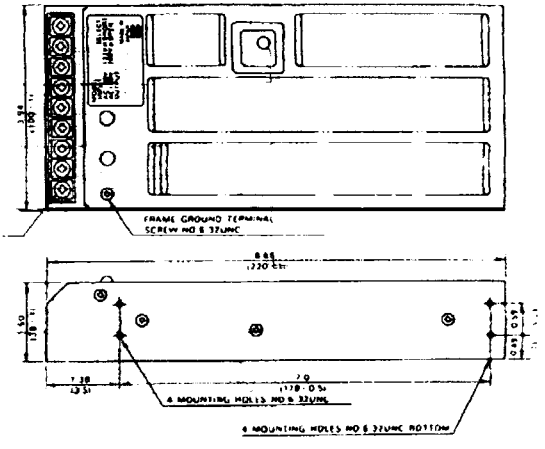
| MODEL | OUTPUT 1 | | OUTPUT 2 | | OUTPUT 3 | |
|---|---|---|---|---|---|---|
| | VOLTS | AMPS | VOLTS | AMPS | VOLTS | AMPS |
| ESK50U-1212 | +5V | 5A | +12V | 1A | -12V | 1A |
| ESK50U-1515 | +5V | 5A | +15V | 0.8A | -15V | 0.8A |
| ESK50U-1205 | +5V | 5A | +12V | 1.5A | -5V | 0.5A |
| ESK50U-1212A | +5V | 5A | +12V | 1.5A | -12V | 0.5A |
| ESK70U-1212 | +5V | 7A | +12V | 1.5A | -12V | 1.5A |
| ESK70U-1515 | +5V | 7A | +15V | 1.2A | -15V | 1.2A |
| ESK70U-1205 | +5V | 7A | +12V | 2A | -5V | 1A |
| ESK70U-1212A | +5V | 7A | +12V | 2A | -12V | 1A |
| ESK80U-1212 | +5V | 10A | +12V | 1A | -12V | 1A |
| ESK80U-1515 | +5V | 10A | +15V | 0.8A | -15V | 0.8A |
| ESK80U-1205 | +5V | 10A | +12V | 1.5A | -5V | 0.5A |
| ESK80U-1212A | +5V | 10A | +12V | 1.5A | -12V | 0.5A |

## ● ESK50U Dual Output


TERMINAL BLOCK SCREW M4 I.5O
FRAME GROUND TERMINAL SCREW NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC BOTTOM

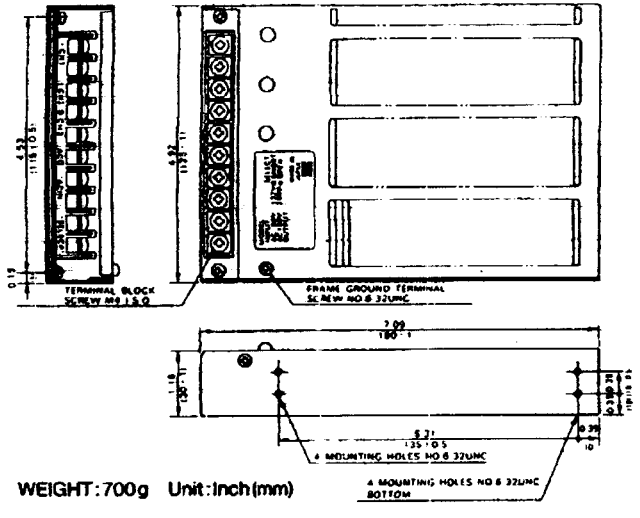
WEIGHT:630g Unit:Inch(mm)

## ● ESK70U, 80U Dual Output



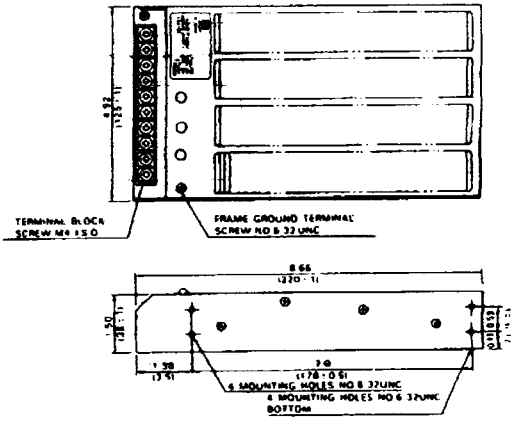

WEIGHT:740g Unit:Inch(mm)

## ● ESK50U Triple Output


TERMINAL BLOCK SCREW M4 I.5O
FRAME GROUND TERMINAL SCREW NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC BOTTOM

WEIGHT:700g Unit:Inch(mm)

## ● ESK70U, 80U Triple Output


TERMINAL BLOCK SCREW M4 I.5O
FRAME GROUND TERMINAL SCREW NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC BOTTOM

WEIGHT:890g Unit:Inch(mm)